The Nature of Multiplets in the Quasiline Spectra
of Organic Molecules, by R. I. Personov,
O. N. Korotayev.
RUBSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
Oct, 1968, pp 815-818.
The Am Inst of Phys
Vol 13, No 10, 1969.

May 69

382,853

The Stability and Inheritance of the Cast Structure, by A. A. Bochvar, Yu. P. Pshenichnov.
RUSSIAN, per, Lok Ak Nauk SSSR, Vol 182, No 4,
Oct, 1968, pp 819-820.
The Am Inst of Phys
Vol 13, No 10, 1969.

May 69

382,860

Crystalline Structure of the Recently Discovered
Natural Borate Vimsite Ca [B₂O₂(OH)₄], by
D. P. Shashkin, M. A. Simonov.
RUSSIAN, per, Dok Ak Neuk SSSR, Vol 182, No 4,
Oct, 1968, pp 821-824.
The Am Inst of Phys
Vol 13, No 10, April, 1969

May 69

382,835

Luminescence Investigations of the Chemical
Sensitization of Silver Bromide-Iodide Emulsions,
by V. M. Belous, L. P. Mel'nichuk.
HUBSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
Oct, 1968, pp 862-865.
CB

May 69

381,058

A Study of the Mechanism of Thermal Decomposition of Potassium Permanganate, by V. V. Boldyrev, O. P. Korobeinichev.
RESSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4, Oct, 1968, pp 866-869.
CB

May 69

381,059

Mechanism of Synergism in the Inhibition of
Degenerate Branched-Chain Oxidation Reactions by
Mixtures of Aromatic Amines and 2,6-Disubstituted
Phenols, by G. V. Karpukhina, Z. K. Mayxus.
RUBSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
Oct, 1968, pp 870-873.
CB

May 69

381,060

Formation of Gaseous Products by Laser Action on Polymethylmethacryste, by G. V. Mikhaylova, N. P. Novikov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4, Oct, 1968, pp 874-876.
CB

May 69

381,061

The Ignition of Diacetylene, by F. B. Moshkovich, A. I. Rozlovskiy.

RUBSIAN, per, Dok Ak Nauk SESR, Vol 182, No 4, Oct, 1968, pp 877-879.

CB

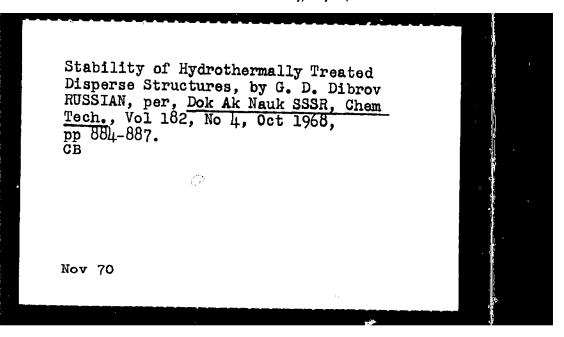
May 69

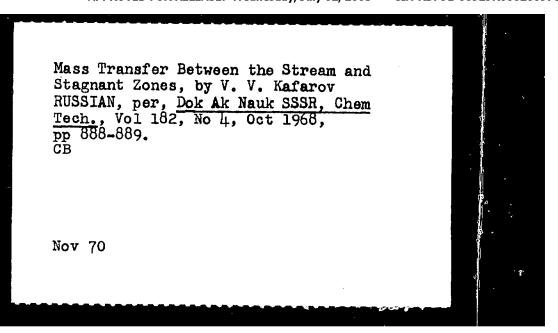
381,062

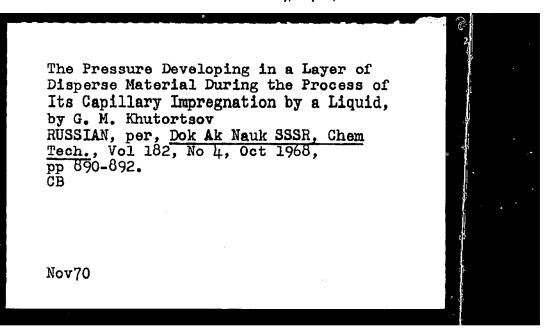
Determination of the Kinetic Constants for Topochemical Reactions Under Menisothermal Conditions from an Equation in the Differential Form, by A. V. Shkarin, G. M. Zhabrova. RUBSIAN, per, Dok Ak Mauk SSSR, Vol 182, No 4, Oct, 1968, pp 880-883.

May 69

381,063



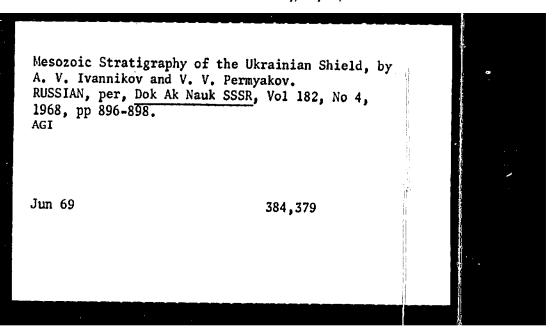




Biostratigaphic Substantiation of the Artinskian-Kungurian Boundary in the Urals, by Ye. A. Guseva, L. P. Grozdilova and V. P. Gorskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4, 1968, pp 893-875.
AGI

Jun 69

384,378



Stratigraphic Distribution of Givetian and Upper Devonian Rugose Corals in Central Kazakhstan, by A. A. Kaplan.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4, 1968, pp 899-902.
AGI

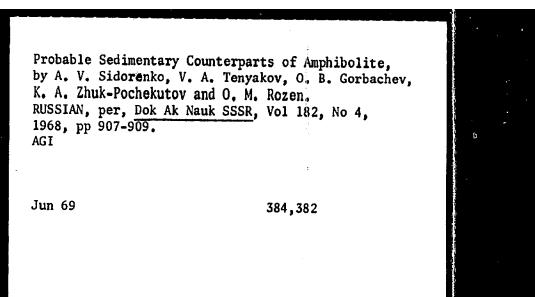
Jun 69

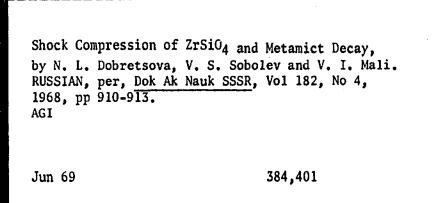
384,380

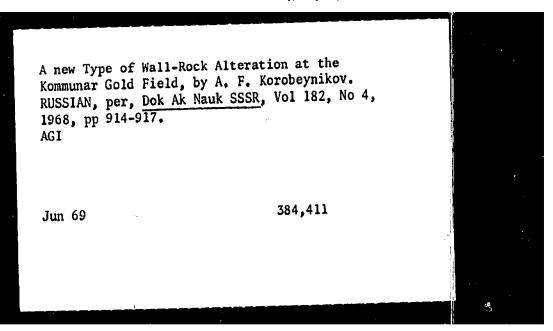
Mode of Accumulation of Miocene Titanium-Zirconium Placers in the Dnieper-Donets Depression, by I. N. Remizov and M. G. Berger. RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4, 1968, pp 903-906. AGI

Jun 69

384,381







Chemical Properties of Granites of the Volcanic and Plutonic Associations, by D. S. Shteynberg and G. B. Fershtater.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4, 1968, pp 918-921.

AGI

Jun 69

384,412

A Manganese Ore Occurrence in Middle Paleozoic Volcanics and Sediments of the Northern Mugodzhars, by A. A. Gavrilov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4, 1968, pp 922-925.
AGI

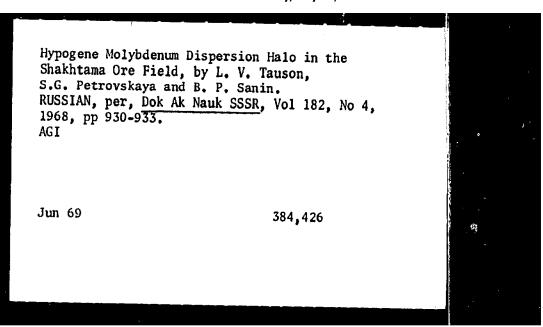
Jun 69

384,415

Argon-Potassium Ratios of Residuum, by
A. Ya. Krylov, N. A. Lisitsyna, Yu. I. Silin and
Ya. M. Tsovbun.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4,
1968, pp 926-929.
AGI

Jun 69

384,425



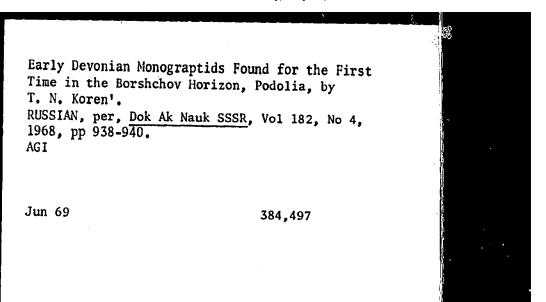
Behavior of Rb, Ba and Sr During the Formation of Granophyric Granitoids (West and Northwest Baikal Regions), by K. V. Flerova, T. A. Kuz'mina and T. V. Yegorova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4, 1968, pp 934-937.

AGI

Jun 69

384,495



Conodonts of the Genus Icriodus Branson et Mehl., 1938, from the Borshchov and Chortkov Horizons, Podolia, by T. V. Mashkova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4, 1968, pp 941-944.

AGI

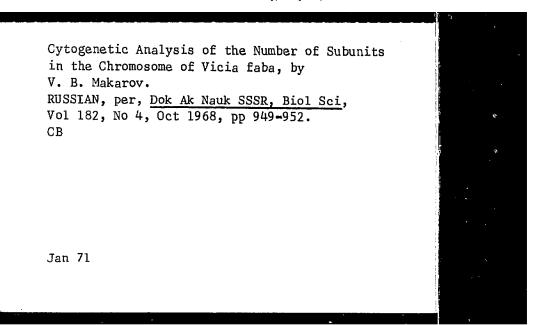
Jun 69

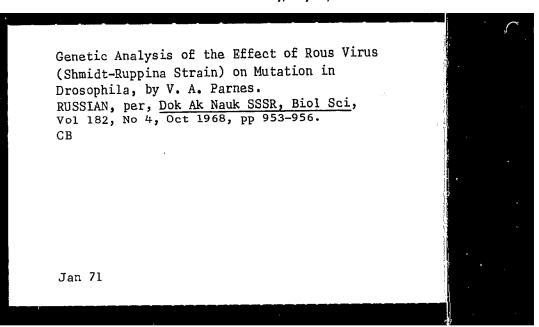
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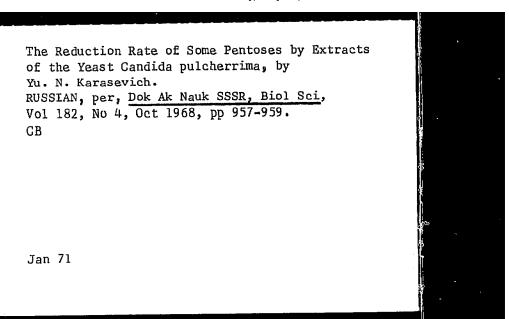
Graptolites of the Silurian-Devonian Boundary Beds in the USSR (and a Description of Zosterophyllum Langi Obut SP.N.), by A. M. Obut. RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 4, 1968, pp 945-948.

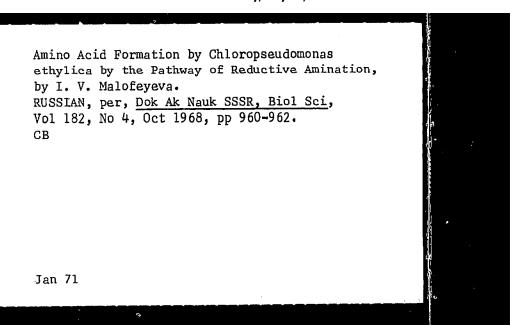
Jun 69

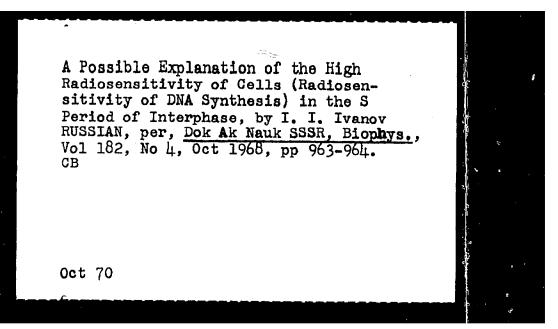
384,499









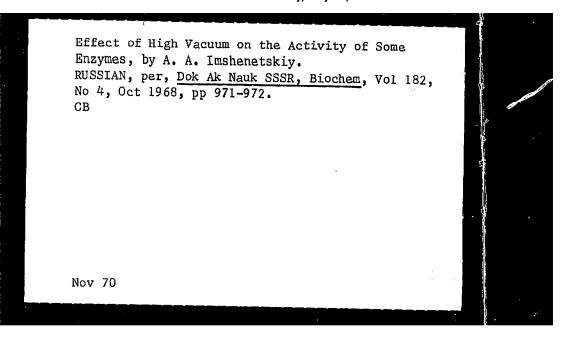


Correlation Between Amount of Sulfhydryl Groups in Hemopoietic Tissue and Radiosensitivity of Mice of Different Strains During Postnatal Development, by Lieh Suan-t'u RUSSIAN, per, Dok Ak Nauk SSSR, Biophys., Vol 182, No 4, Oct 1968, pp 965-968.

Oct 70

An Electron-Microscopic Investigation of Compensatorily Hypertrophied Adrenal After Whole-Body Exposure to Co⁶⁰ Gamma Rays, by D. Kh. Khamidov RUSSIAN, per, Dok Ak Nauk SSSR, Biophys., Vol 182, No 4, Oct 1968, pp 969-970.

Oct 70



Some Data on the Structure of the Middle Lamella in Woody Plants, by
V. Ye. Moskaleva
RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci,
Vol 182, No 4, Oct 1968, pp 973-974.
CB

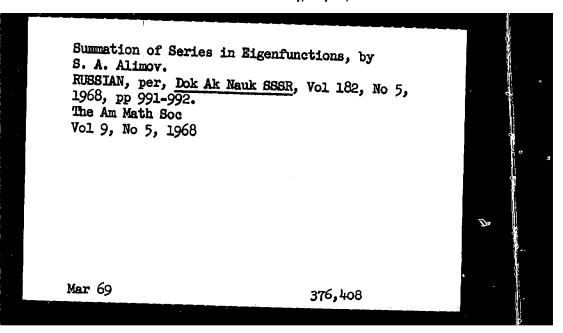
Formation of Sulfate in Plants in the Presence of Sodium Sulfate, by
N. I. Shevyakova
RUSSIAN, per, Dok Ak Nauk SSSR, Bot Sci.,
Vol 182, No 4, Oct 1968, pp 975-977.
CB

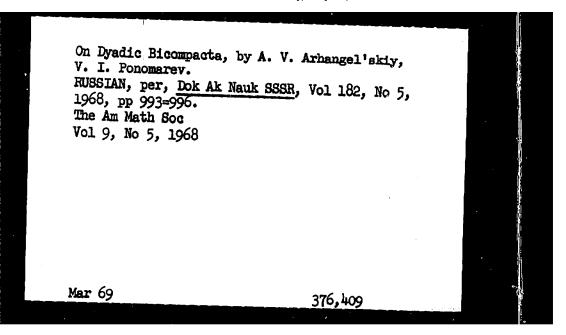
Oct 70

Changes in the Activities of Lactic Dehydrogenase and Its Isoenzymes in the Blood and Tissues of Rats After Regular Exposure to Hypoxia, by I. M. Markelov.

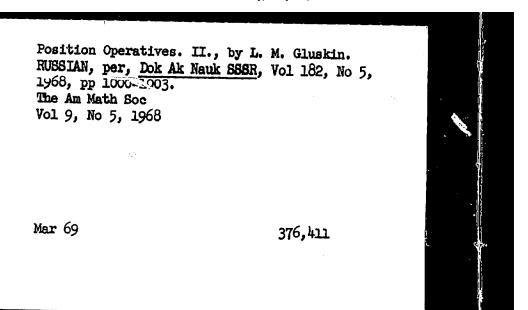
RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci, Vol 182, No 4, Oct 1968, pp 982-984.

CB





Irregular Surface of Bounded Extrinsic Curvature and Inequalities of Isoperimetric Type, by Ju. D. Burago, S. Z. Sefel.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5, 1968, pp 997-999.
The Am Math Soc Vol 9, No 5, 1968



Stochastic Process Generated by Number-Theoretic Endomorphisms, by M. I. Gordin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5, 1968, pp 1004-1006.
The Am Math Soc
Vol 9, No 5, 1968

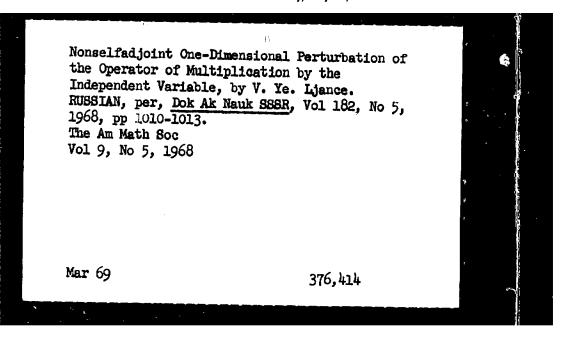
Mar 69

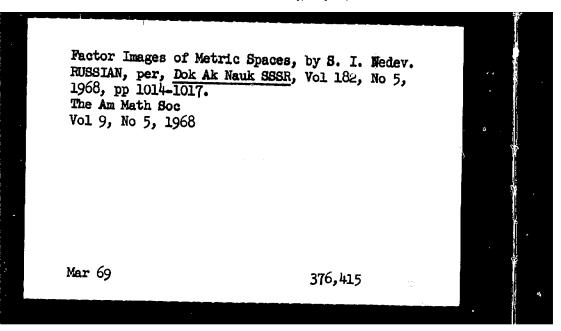
376,412

Equivalence of Ultimate-State Automata Relative to a Free Semigroup With Right Zero, by A. A. Leticevskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5, 1968, pp 1007-1009.

The Am Math Soc Vol 9, No 5, 1968





Automaten Representations and Matrices in a Symmetrical Semigroup of an Abelian Group, by V. P. Zarovnyi.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5, Oct, 1968, pp 1018-1021.

The Am Inst of Phys Vol 13, No 10, 1969.

JPRS 47,089

May 69

382,840

Partial Stability of Probabilistic Automata, by B. S. Kochkarev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5, Oct, 1968, pp 1022-1025.

The Am Inst of Phys Vol 13, No 10, 1969.

JPRS 47,089

May 69

382,841

A Maxium Stability Principle for Mean Turbulent Flows, by M. A. Gol'dshtik.
RUSSIAN, per, Dok Ak Hauk SSSR, Vol 182, No 5, Oct, 1968, pp 1026-1028.
The Am Inst of Phys
Vol 13, No 10, 1969.

May 69

382,845

Dynamic Programming and Nonlinear Problems
Concerning Thin-Rod Statics, by V. A. Baranenko,
Yu. M. Pochtman.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1029-1031.
The Am Inst of Phys
Vol 13, No 10, 1969.

May 69

382,866

A Functional Formulation of the Bogolyubov Axioms Governing S-Matrix Theory, by L. Sh. Khodshayev. RUBSIAN, per, Dok Ak Hauk SSSR, Vol 182, No 5, Oct, 1968, pp 1032-1035.

The Am Inst of Phys Vol 13, No 10, 1969.

May 69

382,848

Scattering Amplitudes for Rearrangement Processes at Low Energies, by A. M. Brodskiy, V. G. Levich. RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5, Oct, 1968, pp 1036-1039.

The Am Inst of Phys Vol 13, No 10, 1969.

May 69

382,854

Electromagnetic Properties of Superconductors with Strong Coupling, by B. T. Geylikman, V. Z. Kresin. RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5, Oct, 1968, pp 1040-1043.

The Am Inst of Phys Vol 13, No 10, 1969.

May 69

382,855

IR Spectra of Water and Aqueous Solutions of
Acetonitrile in the Region of Librational Oscillations
of Water Molecules, by Yu. V. Gurikov, L. V. Moyseyva.
RUBSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1044-1047.
The Am Inst of Phys
Vol 13, No 10, 1969.

May 69

382,856

Temporal Characteristics of a Continuous CaF₂:Dy²⁺
Crystal Laser, by M. I. Dzhibladze, T. M. Murina.
RESSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1047-1051.
The Am Inst of Phys
Vol 13, No 10, 1969.

May 69

382,857

Criterion for the Hydromagnetic Stability of Plasma in the Neighborhood of the Magnetic Axis, by L. S. Solov'ev.
RUSSIAN, per, Dok Ak Mauk SSSR, Vol 182, No 5, Oct, 1968, pp 1052-1054.
The Am Inst of Phys
Vol 13, No 10, 1969.

May 69

382,857

Investigation of Dislocation Effects Resulting
From the Annealing of Bent Alkali-Halide Crystals
According to the Fujiwara Method, by Ya. Ye. Geguzin,
V. P. Matsokin.
RUESIAN, per, Dok Ak Mauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1055-1058.
The Am Inst of Phys
Vol 13, No 10, 1969.

May 69

382,861

Determination of the Dimensions of the Magnetosphere, as Measureed by the Subsolar Distance, from the Data of Terrestrial Observatins of Geomagnetic Micropulsations, by V. A. Troitskaya, R. V. Shchepetnov.
RUSSIAN, per, Dok AK Nauk SSSR, Vol 182, No 5, 1968, pp 1063-1066.
NAS/GSFC/ST-GM-PF-10769

Sci-Astron May 69

382,606

Interpretation of the Patterson Function From its
Multiple Peaks, by Ye. A. Kuzimin, V. V. Ilyukhin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1067=1070.
The Am Inst of Phys
Vol 13, No 10, April, 1969

May 69

382,836

X-Ray Diffraction Investigation of Structural
Features of Cubic Boron Nitride Crystals, by
M. I. Sokhor, S. I. Futergendler.
RUBSIAN, per, Dok Ak Nauk BSSR, Vol 182, No 5,
Oct, 1968, pp 1071-1073.
The Am Inst of Phys
Vol 13, No 10, April, 1969.

Kinetics and Mechanism of Cationic Polymerization of Styrene Under Conditions of Electrodialysis, by F. S. D'yachkovskiy, Dzh. M. Yegiyazaryan.
RUSSIAN, per, Dok Ak Hauk SSSR, Vol 182, No 5, Oct, 1968, pp 1105-1108.
CB

May 69

381,064

Magnetism of Mn(II) Chelates with Tetradentate
Idgands, by V. V. Zelentsov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5,
Oct, 1968, pp 1109-1110.
CB

May 69

381,065

The Nature of the Conductivity of Compounds of the Transition Elements with Ordered Vacancies, by V. A. Ivanova, D. Sh. Abdinov. RUSSIAN, per, Dok Ak Mauk SSSR, Vol 182, No 5, Oct, 1968, pp 1111-1113. 381,066 May 69

Determination of the Size Distribution of Submicroscopic Inhomogeneities from Small Angle X-Ray Scattering Data, by Yu. A. Kuzin, Ye. N. Syromolotov.
RUSSIAN, per, Bok Ak Nauk SSSR, Vol 182, No 5, Oct, 1968, pp 1114-1117.
CB

May 69

381,067

Effect of Polar Groups Present on Carbon Black Surfaces on the Strengthening of Hydrocarbon Dispersions of Carbon Black by Dissolved Rubber, by N. N. Lezhnev.

RUSSIAN, per, Akademiya Nauk SSSR. Doklady, Vol 182, 1968, pp 1118-1121.

NTC-71-15534-07D

C. S

Propagation Mechanism of Haterogeneous Detonation, by S. A. Lesnyak, M. A. Nazarov.

RUSSIAN, per, Dok Ak Hauk SSSR, Vol 182, No 5, Oct, 1968, pp 1122-1125.

CB

May 69

381,069

Some Laws Governing the Change in High-Temperature Strength in Titanium-Based Ternary Systems, by T. T. Nartova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5, Oct, 1968, pp 1126-1129.

May 69

381,070

Changes in Structure and Properties of Elastomers with Mechanical Action, by Ye. V. Reztsova, P. F. Badenkov.
RUSSIAN, per, Dok Ak Hauk SSSR, Vol 182, No 5, Oct, 1968, pp 1130-1133.
CB

May 69

381,071

The Effects of Radiation From Thallium 204 and Ruthenium 106 on Electrode Processes, by I. Spitsyn, I. Ye. Zimakov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5, Oct, 1968, pp 1134-1137.
CB

May 69

381,072

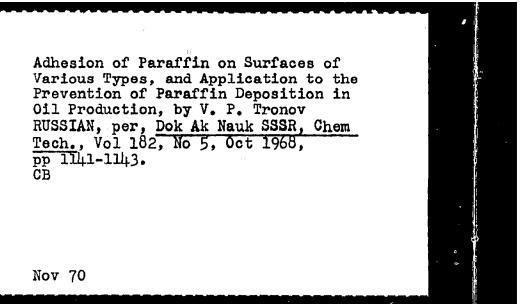
Hydrolytic Properties of Sodium Sulfate in Water at High Temperatures, by M. S. Styrikovich, O. I. Martynova.

RUBSIAN, per, Dok Ak Hauk SSSR, Vol 182, No 5, Oct, 1968, pp 1138-1140.

CB

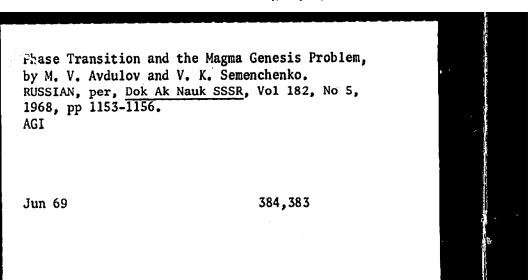
May 69

381,073



Effects of Vibration and Surfactants on the Disintegration of Coagulation-Crystallization Structures in the Initial Stage of Structure Formation, by N. B. Ur'ev RUSSIAN, per, Dok Ak Nauk SSSR, Chem Tech., Vol 182, No 5, Oct 1968, pp 1144-1147. CB

Nov 70



Youngest Volcanoplutonic Granitoid Association of the Greater Caucasus Based on Potassium-Argon Dating, by M. M. Arakelyants, A. M. Borsuk, and L. L. Shanin.
RUSSIAN, per, Bok Ak Nauk SSSR, Vol 182, No 5, 1968, pp 1157-1160.
AGI

Jun 69

384,384

Role of Heat Advection by Sea Currents in the Large-Scale Interaction of the Ocean and Atmosphere by V.G. Kort
RUSSIAN, per Dok Ak Nauk SSSR, Vol 182, No 5
1968, pp 1059-1062
AGI

More Information on the Lower Cretaceous in the Northwest Central Siberian Plateau, by Ye. Ye. Dyuzhikova, R. T. Konenkova, V. V. Rogozhin and I. S. Ryabkova. RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5, 1968, pp 1161-1163.

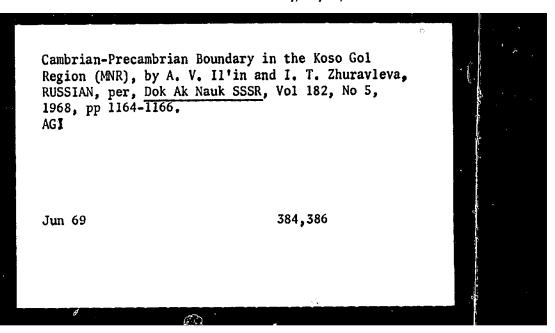
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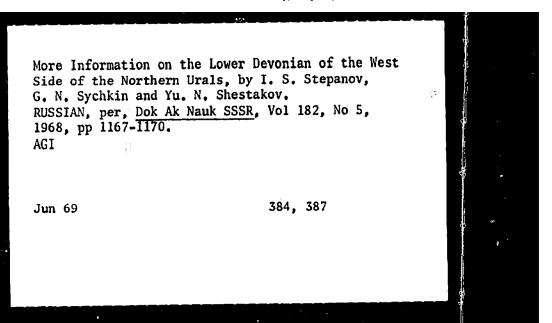
384, 385

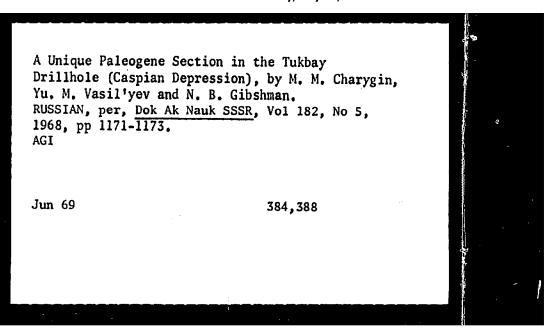
Dimensions of the Subsolar Magnetosphere Determined from Geomagnetic Micropulsation Ground Observations, by V.A. Troitskaya, R. V. Shchepetnov RUSSIAN, per Dok Ak Nauk SSSR, Vol 182 No 5 1968, pp 1063-1066 AGI

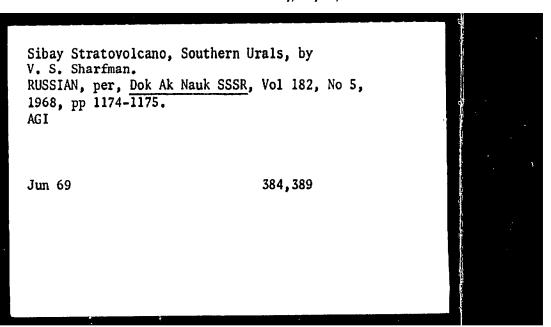
June 1969

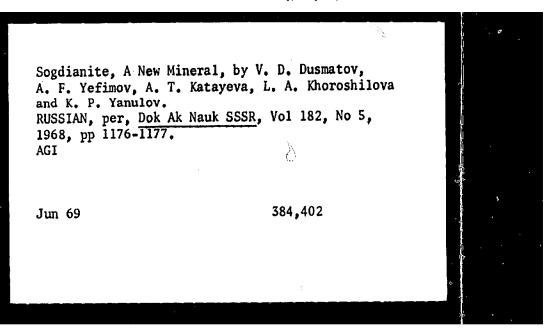
384, 357











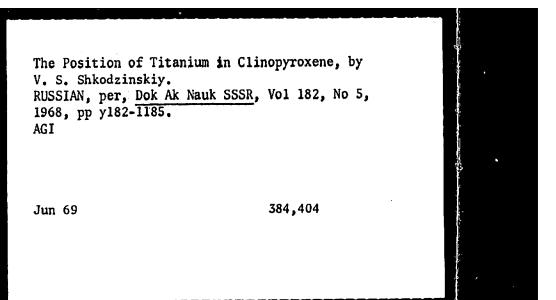
First Find of Ilimaussite in the USSR, by M. N. Sokolova, N. I. Organova, M. Ye. Kazakova and Ye. S. Rudnitskaya.

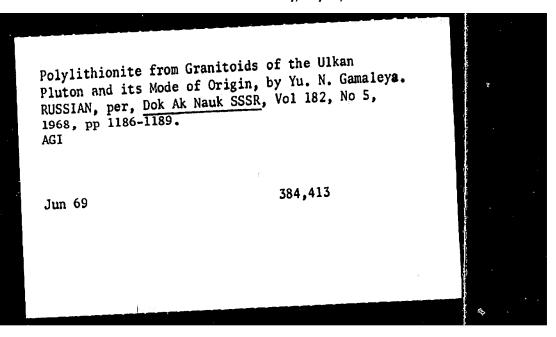
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 5, 1968, pp 1178-1181.

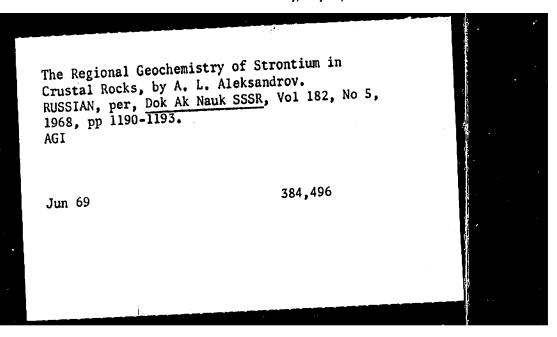
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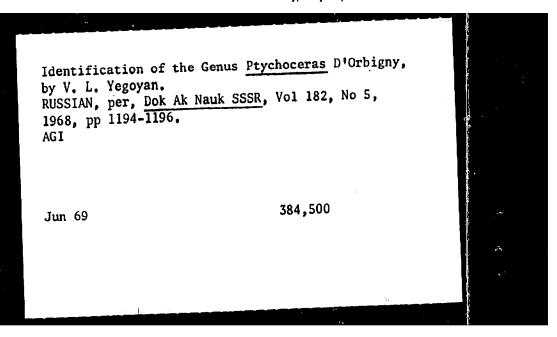
Jun 69

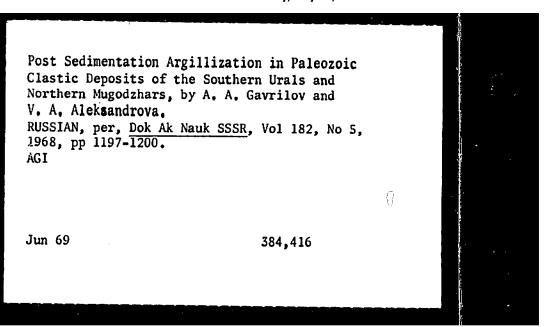
384,403

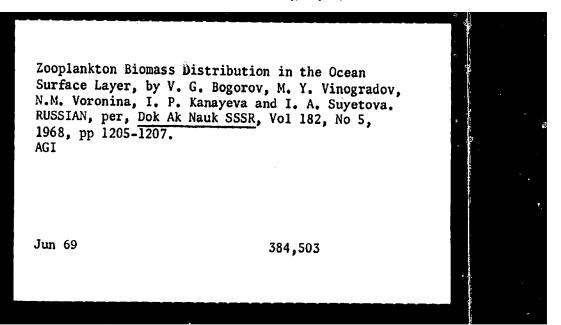


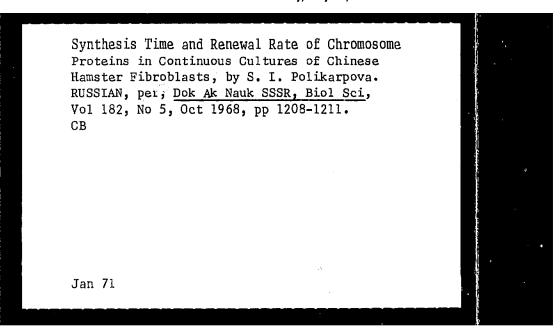


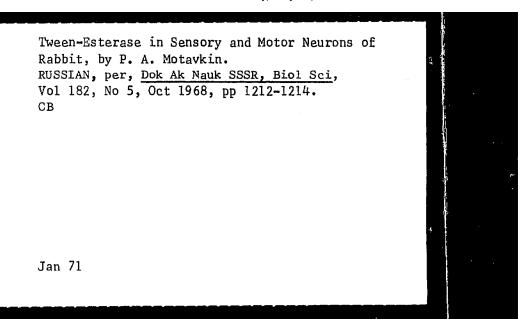


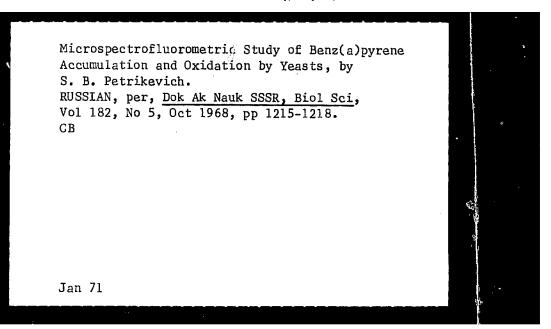


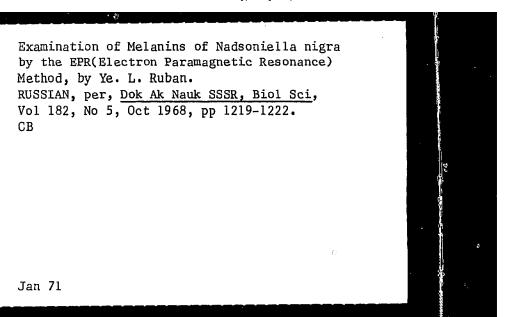


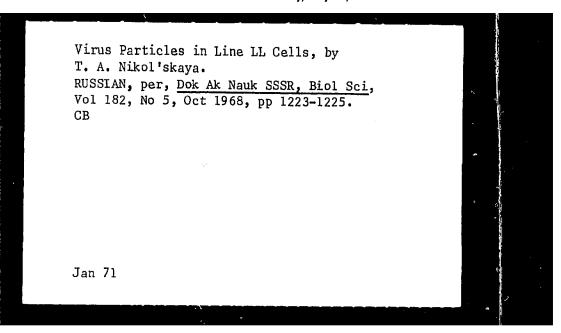


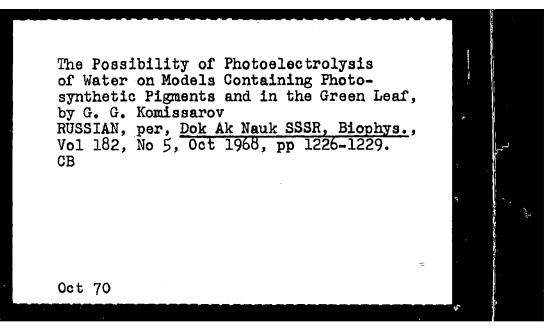


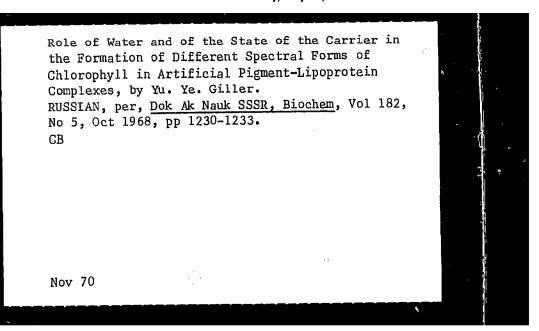


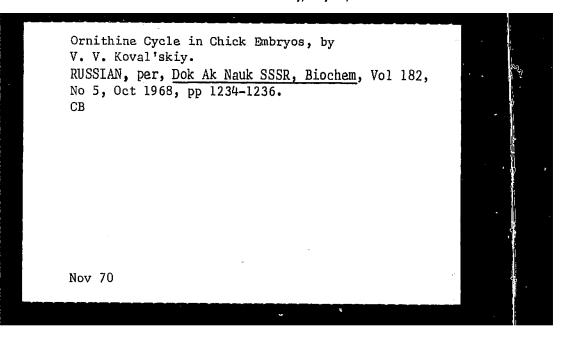


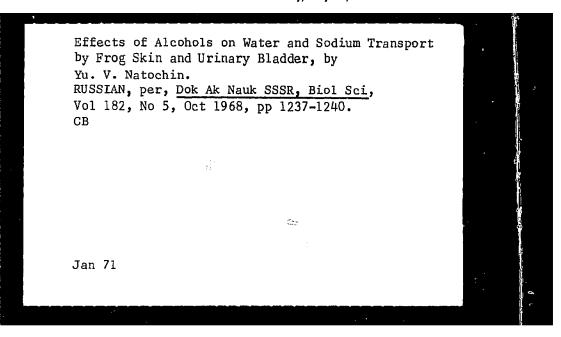












Approximation of Differentiable Functions by Fourier-Hermite Sums, by V. A. Abilov, S. A. Agahanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 6, 1968, pp 1247-1248.
The Am Math Soc Vol 9, No 5, 1968

Complexity of Programs to Determine Whether
Natural Numbers Not Greater Than n Belong to a
Recursively Enumerable Set, by Ja. M. Barzdin.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 182, No 6,
1969, pp 1249-1252.
The Am Math Soc
Vol 9, No 5, 1968

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